



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D5529-1

Job Sheet 173824



Part No: D5529-1

Job Qty: 10 ea

DAS
13
9-89

Part Name: Double Ear Clamp

MAR 08 2018



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/7/18

Job Tracking No:

Created By: Michelle Gagnon-Donovan

Due Date: 3/12/18

Type: SOLD

Description:

Note: DWG REV A IPP REV:A 17.04.25 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	10 pcs		3/12/18	0.00	0.00	Purchasing		AT (3/6/18)
110	Packaging	10 pcs		3/12/18	0.00	0.00	Packaging2		AT (3/6/18)
120	QC	10 pcs		3/12/18	0.00	0.00	QC6		11 MAR 12 2018
130	Packaging	10 pcs		3/12/18	0.00	0.00	Packaging3-2	5/167	8-89 MAR 13 2018
140	QC21-SA	10 Ea		3/12/18	0.00	0.00	QC21		8-89

Part Op 110 - Receive & Inspect for Damage & Mat'l Certs
Descriptions: 120 - QC6- All purchased or subcontracted products
130 - Identify as per dwg & Stock Location:
140 - QC21- Final Inspection - Work Order Release

DAS
21
9-89

MAR 14 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
6541K38	Ear Clamp	10 pcs (1 ea)	100-Purchasing	

DAS
13
9-89

P/O: 31238 MAR 07 2018

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	6541K38	10	25	0

25

Part Specifications

Specifications could not be found.

Plex 3/7/18 1:24 PM Dart.Gagnon.Michelle

Container No. 0000000000



Double Ear Clamp

PART NO: D5529 – 1

Serial No/Batch: S050322

Revision:

Operation: Packaging

Change No:

Mfg Date: 03/12/18

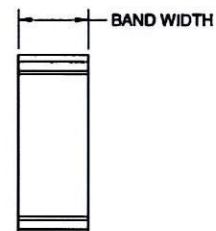
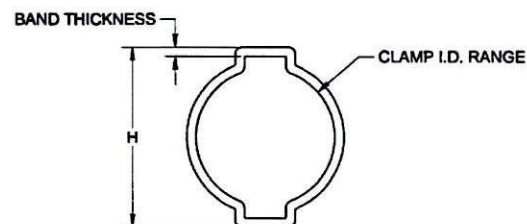
Job No: 173824

8 **SHOP COPY**

RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT

WITHOUT NOTICE
WORK ORDER *md*
NO. 173824

MAR 07 2018

SPECIFICATION CONTROL DRAWING**D5529-X DOUBLE EAR CLAMP**

DART PN	DESCRIPTION	CLAMP I.D. RANGE (IN)	BAND WIDTH (IN)	BAND THICKNESS (IN)	H (IN)	MANUFACTURER	MANUFACTURER PN	VENDOR	VENDOR PN	MATERIAL
D5529-1	DOUBLE EAR CLAMP	31/64 - 19/32	19/64	0.039	0.77	OETIKER	15300025	MCMaster-CARR	6541K38	ZINC-PLATED STEEL

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) CLAMPING PINNERS (OETIKER TOOL NUMBER 14100386 OR MCMaster-CARR TOOL NUMBER 6541K67 OR EQUIVALENT).

RELEASED2017-05-16
ECN 17-511**APPROVED**

A NEW ISSUE		WK	17.03.29
REV.	DESCRIPTION	BY	DATE
DESIGN	WK	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	WK		
CHECKED	VS	DRAWING NO.	REV. A
MFG. APPR.	LL	D5529	SHEET 1 OF 1
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	CLAMP, EAR	NTS
DATE	17.03.29	COPYRIGHT © 2017 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO039238

Supplier: MCM001-VU
McMaster-Carr Supply Co.
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

PO No: PO039238

PO Date: 3/7/18

Due Date: 3/12/18

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
MAR 08 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

Items											
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price	
1	92311A639	D2747	SS Set Screw	Firmed	3/12/18	250 pcs	0 pcs	250 pcs	\$0.626/pcs	\$156.50	
2	91525A120		washer : AS PER DWG D3456 REV.A	Firmed	3/12/18	50 pcs	0 pcs	50 pcs	\$0.232/pcs	\$11.60	
3	92311A564	D3533-1	Set Screw	Firmed	3/12/18	200 pcs	0 pcs	200 pcs	\$0.2374/pcs	\$47.48	
4	6541K38	D50521-1	Ear Clamp receive pcs	Firmed	3/12/18	25 Ea	0 Ea	25 Ea	\$0.3832/Ea	\$9.58	
5	6519T14	D5528-1	Tubing 10 pcs of 10 ft long	Firmed	3/12/18	10 Ea	0 Ea	10 Ea	\$48.20/Ea	\$482.00	
6	98378A909	1/pk	Perforator Pin .129" X 2-1/2"	Firmed	3/12/18	12 Ea	0 Ea	12 Ea	\$5.92/Ea	\$71.04	
7	188-FPSS- 1/4 20-3/8	92313A535 25/pk	Set Screw	Firmed	3/9/18	50 Ea	0 Ea	50 Ea	\$0.1628/Ea	\$8.14	
Line Item Note please ship item overnight fed ex on acct: 151793240											
8	91292A127	50/pk	Socket Head Cap Screw, M5 x 0.8mm x 18mm receive ea	Firmed	3/12/18	50 Ea	0 Ea	50 Ea	\$0.528/Ea	\$26.40	
9	90327A157	25/pk	Socket Head Cap Screw M8 x 1.25 x 20mm receive ea	Firmed	3/12/18	25 Ea	0 Ea	25 Ea	\$0.0812/Ea	\$2.03	
10	90128A249	100/pk	Socket Head Cap Screw M5 x 0.8 x 25mm receive ea	Firmed	3/12/18	100 Ea	0 Ea	100 Ea	\$0.0812/Ea	\$8.12	
11	92005A218	100/pk	Pan Head Screw M4 x 0.7 x 8mm receive ea	Firmed	3/12/18	100 Ea	0 Ea	100 Ea	\$0.0812/Ea	\$8.12	
12	23065A504	SIZE: 0.3070"	Plug No-Go Gauge receive ea	Firmed	3/12/18	6 Ea	0 Ea	6 Ea	\$3.89/Ea	\$23.34	

DAS
11
9-89

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PURCHASE ORDER

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
13	35355T26	1/pk	Anchor Shackle	Firmed	3/12/18	6 Ea	0 Ea	6 Ea	\$9.28/Ea	\$55.68
14	35685T55	1/pk	D-Shackle w/Elongated Body	Firmed	3/12/18	6 Ea	0 Ea	6 Ea	\$12.01/Ea	\$72.06
15	3440T55	50 ft	Lifting Cable	Firmed	3/12/18	50 Ea	0 Ea	50 Ea	\$1.34/Ea	\$67.00
16	3494T12		Lifting Thimble receive ea	Firmed	3/12/18	40 Ea	0 Ea	40 Ea	\$0.66/Ea	\$26.40
17	3755T17	2/pk	Lifting Oval Sleeve receive ea	Firmed	3/12/18	30 Ea	0 Ea	30 Ea	\$4.065/Ea	\$121.95
18	8948T12		Welded Master Link receive ea	Firmed	3/12/18	4 Ea	0 Ea	4 Ea	\$75.65/Ea	\$302.60
19	9657K393	6/pk	Compression Spring	Firmed	3/12/18	12 Ea	0 Ea	12 Ea	\$1.156666/Ea	\$13.88
20	98750A317	1/pk	All Thread receive ea	Firmed	3/12/18	20 Ea	0 Ea	20 Ea	\$2.58/Ea	\$51.60
21	92196A345	10/pk	Socket Head Cap Screw receive ea	Firmed	3/12/18	200 Ea	0 Ea	200 Ea	\$0.715/Ea	\$143.00
22	50715K677	50715K832	Flared Tube Fitting SS	Firmed	3/12/18	20 Ea	0 Ea	20 Ea	\$10.05/Ea	\$201.00
23	7856K77	25 ft	Heat Shrink Tubing Color Black	Firmed	3/12/18	25 pcs	0 pcs	25 pcs	\$1.0496/pcs	\$26.24
24	90177A218	50/pk	Split Ring Zinc-Plated Steel Split Ring 1" OD, 13/16" ID, 1/8" Thick	Firmed	3/12/18	50 Ea	0 Ea	50 Ea	\$0.2452/Ea	\$12.26
25	90174A113	25/pk	Retaining Pin	Firmed	3/12/18	50 Ea	0 Ea	50 Ea	\$0.2756/Ea	\$13.78
26	94975A162	1/pk	Quick Release Pin Quick Release Pin W/Lanyard	Firmed	3/12/18	12 Ea	0 Ea	12 Ea	\$4.49/Ea	\$53.88
27	90272A189	50/pk	Machine Screw screw 8-32/3/16" long	Firmed	3/12/18	50 Ea	0 Ea	50 Ea	\$0.0608/Ea	\$3.04
Grand Total:										\$2,018.72

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 3/8/18 11:27 AM dart.lavoie.chan@plex.com

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO039238

Order Placed By
Chantal Lavoie

McMaster-Carr Number
8348265-03

Page 1 of 2

03/08/2018

DAS
11
9-89

Line	Product	Ordered	Shipped
4	6541K38 Vibration-Resistant Zinc-Plated Steel Double Pinch Clamps, 31/64" to 19/32" ID, for Firm Hose and Tube, Packs of 25	1 Pack	1
5	6519T14 Ultra-Chemical-Resistant Versilon PVC Tubing, 3/8" ID, 9/16" OD	100 Feet	100
7	91292A127 18-8 Stainless Steel Socket Head Screw, M5 x 0.8 mm Thread, 18 mm Long, Packs of 50	1 Pack	1
8	90327A157 Alloy Steel Low-Profile Socket Head Screws, Zinc-Plated, M8 x 1.25 mm Thread Pitch, 20 mm Long, Packs of 25	1 Pack	1
10	92005A218 Steel Pan Head Phillips Screw, M4 x 0.7 mm Thread, 8 mm Long, Packs of 100	1 Pack	1
11	23065A504 Class Z Plug No-Go Gauge, 0.307" Size	6 Each	6
12	35355T26 Screw-Pin Shackle - Not for Lifting, 3/8" Thick	6 Each	6
13	35685T55 Screw-Pin Elongated Shackle - Not for Lifting, 3/8" Thick	6 Each	6
14	3440T55 Wire Rope - for Lifting, 3/16" Diameter, 50' Length	50 Feet	50
15	3494T12 Medium Duty Wire Rope Thimble - Not for Lifting, Zinc-Plated Steel, for 3/16" Rope Diameter	40 Each	40
16	3755T17 Wire Rope Compression Sleeve - for Lifting for Stainless Steel and Steel Rope, 18-8 Stainless Steel, for 3/16" Rope Diameter, Packs of 2	15 Packs	15
17	8948T12 Oblong Link Assembly- for Lifting, Grade 80, for 7/32 Chain Trade Size	4 Each	4
18	9657K393 Compression Spring, Zinc-Plated, Music-Wire, Closed & Flat End, 2" Long, 0.374" ID, Packs of 6	2 Packs	2
19	98750A317 Grade B7 Medium-Strength Steel Threaded Rod, 3/4"-10 Thread Size, 6" Long	20 Each	20
21	50715K832 37 Degree Flared Fitting for Stainless Steel Tubing, Straight Adapter for 3/8" Tube OD, 9/16"-18 UNF Male	20 Each	20
22	7856K77 Heat-Shrink Tubing, 25 Feet Long, 0.5" ID Before Shrinking, Black	1 Each	1
23	90177A218 Zinc-Plated Steel Split Rings, 1" OD, 13/16" ID, 1/8" Thick, Packs of 50	1 Pack	1
24	90174A113 Zinc-Plated Steel Coiled Bent-Wire Locking Pins, 1/16" Diameter, 1-1/16" Usable Length, Packs of 25	2 Packs	2